

Please type a plus (+) sign in this box →

+

PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))</small>		Attorney Docket No. M61.12-0547																																	
		First Inventor or Application Identifier Zicheng Liu et al.																																	
		Title GEOMETRY-DRIVEN IMAGE SYNTHESIS RENDERING	<div style="writing-mode: vertical-rl; transform: rotate(180deg);">J.S. PTO 10/684773 101403</div>																																
		Express Mail Label No. EV178023086US																																	
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		Address To: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450																																	
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form e.g., PTO/SB17) (Submit an original and a duplicate for fee processing)</p><p>2. <input type="checkbox"/> Applicant Claims small entity status</p><p>3. <input checked="" type="checkbox"/> Specification [Total Sheets 41] (preferred arrangement set forth below) - Descriptive title of the Invention) - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p><p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113) [Total Sheets 13]</p><p>5. Oath or Declaration [Total Sheets 5] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b).</p><p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p></div><div style="width: 48%;"><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer program (Appendix)</p><p>8. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 Copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statement verifying identity of above copies</p></div></div>																																			
ACCOMPANYING APPLICATION PARTS																																			
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO – 1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request Under 35 USC 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent</p> <p>17. <input type="checkbox"/> Other:</p>																																			
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation –in part (CIP) of prior application No: _____ / _____</p> <p>Prior application information: Examiner _____ Group/Art Unit: _____</p> <p>FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>																																			
17. CORRESPONDENCE																																			
<div style="display: flex; justify-content: space-between; align-items: center;"><div><input type="checkbox"/> Customer Number or Bar Code Label</div><div style="border: 1px solid black; width: 250px; height: 30px; margin: 0 auto;"></div><div>or <input checked="" type="checkbox"/> Correspondence address below</div></div> <p style="text-align: center; margin-top: 5px;"><small>(Insert Customer No. or Attach bar code label here)</small></p>																																			
<table border="1" style="width:100%; border-collapse: collapse;"><tr><td style="width: 15%;">Name</td><td colspan="3">Steven M. Koehler</td></tr><tr><td></td><td colspan="3">WESTMAN CHAMPLIN & KELLY</td></tr><tr><td>Address</td><td colspan="3">Suite 1600 – International Centre</td></tr><tr><td></td><td colspan="3">900 South Second Avenue</td></tr><tr><td>City</td><td>Minneapolis</td><td>State</td><td>MN</td></tr><tr><td></td><td></td><td>Zip Code</td><td>55402-3319</td></tr><tr><td>Country</td><td>USA</td><td>Telephone</td><td>(612) 334-3222</td></tr><tr><td></td><td></td><td>Fax</td><td>(612) 334-3312</td></tr></table>				Name	Steven M. Koehler				WESTMAN CHAMPLIN & KELLY			Address	Suite 1600 – International Centre				900 South Second Avenue			City	Minneapolis	State	MN			Zip Code	55402-3319	Country	USA	Telephone	(612) 334-3222			Fax	(612) 334-3312
Name	Steven M. Koehler																																		
	WESTMAN CHAMPLIN & KELLY																																		
Address	Suite 1600 – International Centre																																		
	900 South Second Avenue																																		
City	Minneapolis	State	MN																																
		Zip Code	55402-3319																																
Country	USA	Telephone	(612) 334-3222																																
		Fax	(612) 334-3312																																

Name (Print/type)	Steven M. Koehler	Registration No. (Attorney/Agent)	36,188
Signature		Date	10/14/03

FEE TRANSMITTAL		Complete if Known																																																																																																	
		Application No.																																																																																																	
		Filing Date	HEREWITH																																																																																																
		First Named Inventor	Zicheng Liu																																																																																																
		Title	GEOMETRY-DRIVEN IMAGE SYNTHESIS RENDERING																																																																																																
		Group Art Unit																																																																																																	
		Examiner Name																																																																																																	
Total Amount of Payment \$ 1224		Atty. Docket Number	M61.12-0547																																																																																																
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																	
<p>1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u>. Westman, Champlin & Kelly, P.A.</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p>		<p>3. ADDITIONAL FEES</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th></th> <th></th> </tr> <tr> <th>Code</th> <th>Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>2051</td> <td>Surcharge - Late filing fee or oath</td> <td style="text-align: right;">65</td> </tr> <tr> <td>1052</td> <td>2052</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td style="text-align: right;">25</td> </tr> <tr> <td>1053</td> <td>1053</td> <td>Non-English specification</td> <td style="text-align: right;">130</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>For Filing a Request for Reexamination. (ex parte)</td> <td style="text-align: right;">2,520</td> </tr> <tr> <td>1251</td> <td>2251</td> <td>Extension for reply within first month</td> <td style="text-align: right;">55</td> </tr> <tr> <td>1252</td> <td>2252</td> <td>Extension for reply within second month</td> <td style="text-align: right;">210</td> </tr> <tr> <td>1253</td> <td>2253</td> <td>Extension for reply within third month</td> <td style="text-align: right;">475</td> </tr> <tr> <td>1254</td> <td>2254</td> <td>Extension for reply within fourth month</td> <td style="text-align: right;">740</td> </tr> <tr> <td>1255</td> <td>2255</td> <td>Extension for reply within fifth month</td> <td style="text-align: right;">1,005</td> </tr> <tr> <td>1402</td> <td>2402</td> <td>Filing a brief in support of an appeal</td> <td style="text-align: right;">165</td> </tr> <tr> <td>1403</td> <td>2403</td> <td>Request for oral hearing</td> <td style="text-align: right;">145</td> </tr> <tr> <td>1814</td> <td>2814</td> <td>Terminal Disclaimer Fee</td> <td style="text-align: right;">55</td> </tr> <tr> <td>1452</td> <td>2452</td> <td>Petition to Revive - unavoidable</td> <td style="text-align: right;">55</td> </tr> <tr> <td>1453</td> <td>2453</td> <td>Petition to Revive - unintentional</td> <td style="text-align: right;">665</td> </tr> <tr> <td>1501</td> <td>2501</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td style="text-align: right;">665</td> </tr> <tr> <td>1502</td> <td>2502</td> <td>Design issue fee (inc. advance copies)</td> <td style="text-align: right;">240</td> </tr> <tr> <td>1460</td> <td>1460</td> <td>Petitions to the Commissioner</td> <td style="text-align: right;">130</td> </tr> <tr> <td>1807</td> <td>1807</td> <td>Petitions related to provisional applications</td> <td style="text-align: right;">50</td> </tr> <tr> <td>1806</td> <td>1806</td> <td>Submission of Information Disclosure Statement</td> <td style="text-align: right;">180</td> </tr> <tr> <td>8021</td> <td>8021</td> <td>Recording each patent assignment per property (times number of properties)</td> <td style="text-align: right;">40</td> </tr> <tr> <td colspan="3">Other Fee (specify) _____</td> <td></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee	Fee			Code	Code			1051	2051	Surcharge - Late filing fee or oath	65	1052	2052	Surcharge - Late provisional Filing Fee or cover sheet	25	1053	1053	Non-English specification	130	1812	2,520	For Filing a Request for Reexamination. (ex parte)	2,520	1251	2251	Extension for reply within first month	55	1252	2252	Extension for reply within second month	210	1253	2253	Extension for reply within third month	475	1254	2254	Extension for reply within fourth month	740	1255	2255	Extension for reply within fifth month	1,005	1402	2402	Filing a brief in support of an appeal	165	1403	2403	Request for oral hearing	145	1814	2814	Terminal Disclaimer Fee	55	1452	2452	Petition to Revive - unavoidable	55	1453	2453	Petition to Revive - unintentional	665	1501	2501	Utility/Reissue issue fee (inc. advance copies)	665	1502	2502	Design issue fee (inc. advance copies)	240	1460	1460	Petitions to the Commissioner	130	1807	1807	Petitions related to provisional applications	50	1806	1806	Submission of Information Disclosure Statement	180	8021	8021	Recording each patent assignment per property (times number of properties)	40	Other Fee (specify) _____			
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																
Fee	Fee																																																																																																		
Code	Code																																																																																																		
1051	2051	Surcharge - Late filing fee or oath	65																																																																																																
1052	2052	Surcharge - Late provisional Filing Fee or cover sheet	25																																																																																																
1053	1053	Non-English specification	130																																																																																																
1812	2,520	For Filing a Request for Reexamination. (ex parte)	2,520																																																																																																
1251	2251	Extension for reply within first month	55																																																																																																
1252	2252	Extension for reply within second month	210																																																																																																
1253	2253	Extension for reply within third month	475																																																																																																
1254	2254	Extension for reply within fourth month	740																																																																																																
1255	2255	Extension for reply within fifth month	1,005																																																																																																
1402	2402	Filing a brief in support of an appeal	165																																																																																																
1403	2403	Request for oral hearing	145																																																																																																
1814	2814	Terminal Disclaimer Fee	55																																																																																																
1452	2452	Petition to Revive - unavoidable	55																																																																																																
1453	2453	Petition to Revive - unintentional	665																																																																																																
1501	2501	Utility/Reissue issue fee (inc. advance copies)	665																																																																																																
1502	2502	Design issue fee (inc. advance copies)	240																																																																																																
1460	1460	Petitions to the Commissioner	130																																																																																																
1807	1807	Petitions related to provisional applications	50																																																																																																
1806	1806	Submission of Information Disclosure Statement	180																																																																																																
8021	8021	Recording each patent assignment per property (times number of properties)	40																																																																																																
Other Fee (specify) _____																																																																																																			
FEE CALCULATION																																																																																																			
1. BASIC FILING FEE																																																																																																			
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th></th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th></th> </tr> <tr> <th>Code</th> <th>Code</th> <th>Code</th> <th>Code</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>2001</td> <td>1001</td> <td>2001</td> <td><input checked="" type="checkbox"/> Utility Filing Fee</td> </tr> <tr> <td>1002</td> <td>2002</td> <td>1002</td> <td>2002</td> <td><input type="checkbox"/> Design Filing Fee</td> </tr> <tr> <td>1004</td> <td>2004</td> <td>1004</td> <td>2004</td> <td><input type="checkbox"/> Reissue Filing Fee</td> </tr> <tr> <td>1005</td> <td>2005</td> <td>1005</td> <td>2005</td> <td><input type="checkbox"/> Prov. Filing Fee</td> </tr> <tr> <td colspan="4" style="text-align: right;">Subtotal (1)</td> <td>\$ 770</td> </tr> </tbody> </table>		Large Entity		Small Entity			Fee	Fee	Fee	Fee		Code	Code	Code	Code	Fee Description	1001	2001	1001	2001	<input checked="" type="checkbox"/> Utility Filing Fee	1002	2002	1002	2002	<input type="checkbox"/> Design Filing Fee	1004	2004	1004	2004	<input type="checkbox"/> Reissue Filing Fee	1005	2005	1005	2005	<input type="checkbox"/> Prov. Filing Fee	Subtotal (1)				\$ 770																																																										
Large Entity		Small Entity																																																																																																	
Fee	Fee	Fee	Fee																																																																																																
Code	Code	Code	Code	Fee Description																																																																																															
1001	2001	1001	2001	<input checked="" type="checkbox"/> Utility Filing Fee																																																																																															
1002	2002	1002	2002	<input type="checkbox"/> Design Filing Fee																																																																																															
1004	2004	1004	2004	<input type="checkbox"/> Reissue Filing Fee																																																																																															
1005	2005	1005	2005	<input type="checkbox"/> Prov. Filing Fee																																																																																															
Subtotal (1)				\$ 770																																																																																															
2. EXTRA CLAIM FEES																																																																																																			
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Number Claims</th> <th>Prior**</th> <th>Extra</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>43</td> <td>20</td> <td>23</td> <td>18</td> <td>414</td> </tr> <tr> <td>Indep.</td> <td>3</td> <td>3</td> <td>0</td> <td>86</td> <td>0</td> </tr> </tbody> </table>			Number Claims	Prior**	Extra	Fee from Below	Fee Paid	Total	43	20	23	18	414	Indep.	3	3	0	86	0																																																																																
	Number Claims	Prior**	Extra	Fee from Below	Fee Paid																																																																																														
Total	43	20	23	18	414																																																																																														
Indep.	3	3	0	86	0																																																																																														
<p>Multiple Dependent Claims</p> <p>** Insert 3 and 20, or number previously paid if greater; Reissue see below</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th></th> </tr> <tr> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Fee</th> <th>Description</th> </tr> <tr> <th>Code</th> <th>Code</th> <th>Code</th> <th>Code</th> <th></th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>2202</td> <td>1202</td> <td>2202</td> <td>Claims in excess of 20</td> </tr> <tr> <td>1201</td> <td>2201</td> <td>1201</td> <td>2201</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>1203</td> <td>2203</td> <td>1203</td> <td>2203</td> <td>Multiple Dependent Claims</td> </tr> <tr> <td>1204</td> <td>2204</td> <td>1204</td> <td>2204</td> <td>Reissue Independent Claims over Original Patent</td> </tr> <tr> <td>1205</td> <td>2205</td> <td>1205</td> <td>2205</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table>		Large Entity		Small Entity			Fee	Fee	Fee	Fee	Description	Code	Code	Code	Code		1202	2202	1202	2202	Claims in excess of 20	1201	2201	1201	2201	Independent claims in excess of 3	1203	2203	1203	2203	Multiple Dependent Claims	1204	2204	1204	2204	Reissue Independent Claims over Original Patent	1205	2205	1205	2205	Reissue claims in excess of 20 and over original patent																																																										
Large Entity		Small Entity																																																																																																	
Fee	Fee	Fee	Fee	Description																																																																																															
Code	Code	Code	Code																																																																																																
1202	2202	1202	2202	Claims in excess of 20																																																																																															
1201	2201	1201	2201	Independent claims in excess of 3																																																																																															
1203	2203	1203	2203	Multiple Dependent Claims																																																																																															
1204	2204	1204	2204	Reissue Independent Claims over Original Patent																																																																																															
1205	2205	1205	2205	Reissue claims in excess of 20 and over original patent																																																																																															
Subtotal (2) \$ 414		Subtotal (3) \$40																																																																																																	

Signature

(St ven M. Koehler)

Reg. No. 36.188

Date

Deposit Account No. 23-1123